

# Manhole Inspection Summary

Manhole # S27M\_\_003MH

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**Inspection** ☐ Is Incomplete Rating: **3) Fair**

Record Plat: **27M** Node: **003** Status: **Found**

Insp Date: **5/5/08 9:35 AM**

Incomplete Comments

Crew: **FW,WJ,EH**  
Inspector: **wjenkins**  
Firm: **PER**

**Location** Address: **1222 W Ostend St**

Cross Street: **Ward St**

**Manhole** Type: **Junction**

Location: **Roadway**

Ground Conditions: **Dry**

☐ Prev. Rehab

Weather: **Dry**

Subject To Ponding: **None**

Comments **The MH is constucted in a way that a 10inch pipe is tapped in the main 22inch line see pics, 6oclock pipe is tapped in the 22inch line that is located at 5oclock it looks like one pipe but two are connected**

**Cover**

Shape: **Circular**

Diameter: **26** (in.) Length: **0** (in.) Dist A/B Grade: **0** (in.)

Type: **Sanitary**

Condition: **Sound**

Cover Material: **Cast Iron**

Properties: ☐ Bolted ☒ Vented ☐ Water Tight ☐ Water Tight Insert

**Frame**

Offset: **1.5** (in.)

Condition: ☒ Sound ☐ Cracked ☐ Leaks

**Chimney / Frame Adjustment**

☒ Exists Material: **Brick**

☐ Parged Height: **5.3** (in.)

Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated

Infiltration: ☒ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☐ Wall

**Corbel**

Material: **Brick**

☐ Parged

Type: **Concentric/Eccentric**

Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☒ **Deteriorated**

Infiltration: ☒ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☐ Wall

**Barrel**

Material: **Brick**

☐ Parged

Shape: **Circular**

Diameter: **42** (in.) Length: **0** (in.)

Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated

Infiltration: ☐ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☒ **Wall**

**Bench**

☒ Exists Material: **Brick**

☐ Parged

Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Deteriorated ☐ Leaks ☐ Debris

**Channel**

Material: **Brick**

☐ Parged

Channel Exposure: **Fully Open** Junc Dist: **0** nearest .5 ft. Azimuth: **0**

Condition: ☐ Sound ☐ Cracked ☐ Root Intrusion ☐ Deteriorated ☐ Leaks ☒ **Debris**

**Steps**

Count: **10** Missing: **2** ☒ **Corroded**

**Surcharge**

☒ **Evidence Of Surcharge** Depth: **2.5** (ft.) ☐ Active Surcharge Present

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Location View



Top View



MISCELLANEOUS



LID PIC



Defect 5



MISSING RUNG

Defect 4



RUSTED RUNGS,MISSING MORTAR,  
CHIPED BRICKS IN CORBEL

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Defect 3



OFFSET 1.5

Defect 2



SIGNS OF INFILTRATION IN BARREL

Defect 1



SIGNS OF SURCHARGE

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24 in. Circular Gravity Sewer  
Pipe Out @ 12 O'Clock

12 O'Clock Outflow



Pipe Height: **22.8** (in.) Rod and Bar (Angled)  
Pipe Material: **Clay** ☐ Pipe Lined  
Invert Depth: **14.85** (ft.) Flow Characteristics: **Fast**  
Deposits: ☒ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease  
Silt Depth: **0** (in.) Deposits Extent:  
Infiltration: **None** Pipe Seal Cond: **Sound**

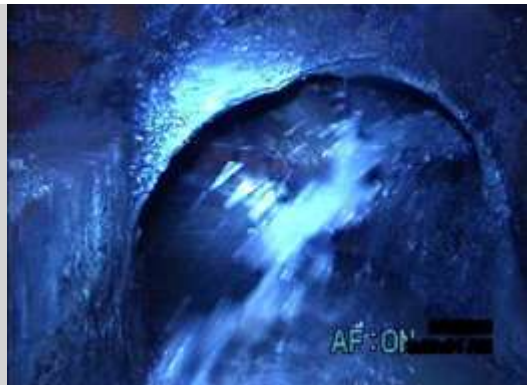
Drop: **None**

Connects To: **Manhole**

☐ Possible Illicit Connection

24 in. Circular Gravity Sewer  
Pipe In @ 5 O'Clock

5 O'Clock Inflow



Pipe Height: **22.8** (in.) Rod and Bar (Angled)  
Pipe Material: **Clay** ☐ Pipe Lined  
Invert Depth: **14.90** (ft.) Flow Characteristics: **Fast**  
Deposits: ☒ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease  
Silt Depth: **0** (in.) Deposits Extent:  
Infiltration: **None** Pipe Seal Cond: **Unknown**

Drop: **None**

Connects To: **Manhole**

☐ Possible Illicit Connection

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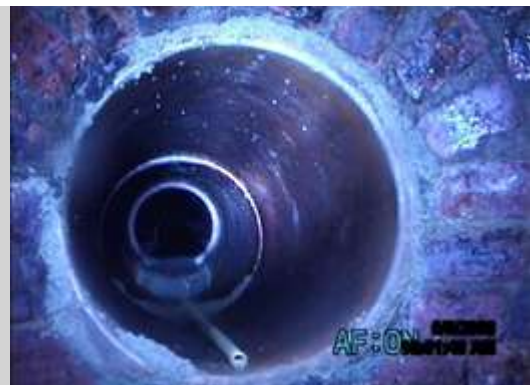
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12 in. Circular Gravity Sewer  
Pipe In @ 6 OClock

6 O'Clock Inflow

Drop In @ 6 OClock



Pipe Height: **12** (in.) Rod and Bar (Angled)

Pipe Material: **Clay** ☐ Pipe Lined

Invert Depth: **10.94** (ft.) Flow Characteristics: **Fast**

Deposits: ☒ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease

Silt Depth: **0** (in.) Deposits Extent:

Infiltration: **None** Pipe Seal Cond: **Sound**

Drop: **Outside** Rod and Bar

Angled: **Yes** Reading: **12.87** (ft.)

Inv Depth: **13.87** (ft.)

Drop Condition: **Open**

Connects To: **Manhole**

☐ Possible Illicit Connection